

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. CH7560US/MD02-49	Serial No. 10/533,702
LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)		Applicant Harold Goldsberry et al	
		Filing Date 5/3/05	Group

PATENT & TRADEMARK OFFICE

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DR	AA 3,102,084	8/27/63	Wurzburg et al	162	158	
	AB 3,821,069	6/28/74	Wurzburg	162	158	
	AC 3,968,005	7/6/76	Wurzburg	162	158	
	AD 4,040,900	8/9/77	(Bel. to corresp. to GB Mazzarella et al	1,492,104) 162	158 R	
	AE 4,222,820	9/16/80	Hiskens et al	162	158	
	AF 4,235,629	11/25/80	Marsh et al	75	211	
	AG 4,657,946	4/14/87	Rende et al	523	402	
	AH 4,666,523	5/19/87	(Bel. to corresp. to EP Yokota et al	235,334) 106	213	
	AI 4,687,519	8/18/87	Trzasko et al	106	211	
	AJ 4,832,792	5/23/89	Mazzarella et al	162	158	
	AK 4,849,055	7/18/89	(Bel. to corresp. to EP Yoshioka et al	257,772) 162	158	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						Yes
DR	AL 1,298,511	7/12/74	Great Britain			No*
	AM 01/38638	5/31/01	World Patent			
L	AN 97/49865 97/49885	12/31/97	World Patent			
	AO 00/20686	4/13/00	World Patent			
	AP 01/00927	1/4/01	World Patent			

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DR	AR	Zandersons J. G., et al, "Gelatinized unmodified starch-stabilized alkenyl succinic anhydride emulsion paper sizing", pages 109-113, (Russian journal not available)
DR	AS	
DR	AT	
DR	EXAMINER <i>Devin R. Cochran</i> DATE CONSIDERED <i>9/24/2007</i>	
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JUN 22 2005

PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>DR</i>	AA	4,849,131	7/18/89	Sweeney	252	312	
	AB	4,872,951	10/19/89	Maliczyszyn et al	162	135	
	AC	4,915,788	4/10/90	Sweeney	162	158	
	AD	5,015,500	5/14/91	Garde	427	211	
	AE	5,104,488	4/14/92	(Bel. to corresp. to BE Sweeney)	897,568)	162	158
	AF	5,219,912	6/15/93	(Bel. to corresp. to EP Takahashi et al)	468,280)	524	321
	AG	5,224,993	7/6/93	Takahashi et al	196	287.2	
	AH	5,306,757	4/26/94	Hatanaka et al	524	321	
	AI	5,312,333	5/17/94	(Bel. to corresp. to EP Churinetz et al)	563,982)	604	57
	AJ	5,415,631	5/16/95	(Bel. to corresp. to EP Churinetz et al)	563,982)	604	57
	AK	5,627,224	5/6/97	Lymalm et al	524	52	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							Yes
<i>DR</i>	AL	02/08514	1/31/02	World Patent			No*
	AM	02/35003	5/2/02	World Patent			
	AN	09228293	9/2/97	Japan (Abstract only)			
	AO	08166985	6/14/94	Japan (Abstract only)			
	AP	08116894	4/26/94	Japan (Abstract only)			

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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			<i>9/24/2007</i>

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JUN 22 2005 P A T E N T & T R A D E M A R K S J C 148		Applicant Harold Goldsberry et al	
		Filing Date 5/3/05	Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>DRL</i>	AA	5,723,179	3/3/98	Wong et al	427	258	
	AB	5,759,249	6/2/98	Wasser	106	209.1	
	AC	5,766,417	6/16/98	Brungardt	162	158	
	AD	5846,663	12/8/98	(Bel. to corresp. to WO Brungardt et al)	97/30218) 428	537.5	
	AE	5,878,582	3/2/99	Johansson	162	158	
	AF	5,931,225	8/3/99	Nishishita et al	165	153	
	AG	6,048,392	4/11/00	(Bel. to corresp. to WO Brungardt et al)	97/30218) 106	287.21	
	AH	6,159,339	12/12/00	Hasslet et al	162	158	
	AI	6,162,328	12/19/00	Cenisio et al	162	135	
	AJ	6,183,550	2/6/01	Conner et al	106	209.1	
	AK	6,207,719	3/27/01	Pardikes	516	67	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							Yes
<i>DRL</i>	AL	61034298	2/18/86	Japan (Abstract only)			
	AM	61274735	5/29/85	Japan (Abstract only)			
	AN	2000265389	9/26/00	Japan (Abstract only)			
	AO	09111692	4/28/97	Japan (Abstract only)			
	AP	1992-349863	6/21/94	Japan (Abstract only)			

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	AR	
	AS	
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	<i>Dennis R. Carday</i>	DATE CONSIDERED <i>9/24/2007</i>
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JUN 22 2005 P <small>ATENT & TRADEMARK</small> O <small>FFICE</small> JC148		Applicant Harold Goldsberry et al	
		Filing Date 5/3/05	Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>DRG</i>	AA	6,248,164	6/19/01	Hakansson	106	287.2	
	AB	6,325,893	12/4/01	(Bel. to corresp. to WO Brungardt et al)	97/302218) 162	158	
	AC	2001/0049397	12/6/01	Pardikes	516	87	
	AD	6,348,132	2/19/02	Zhang et al	162	158	
	AE	6,372,035	4/16/02	(Bel. to corresp. to WO Juppo et al)	99/37859) 106	287.2	
	AF	6,444,024	9/3/02	(Bel. to corresp. to WO Mills et al)	01/44575) 106	287.23	
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
<i>DRG</i>	AL	05195488	8/3/93	Japan (Abstract only)				
<i>DRG</i>	AM	06128896	5/10/94	Japan (Abstract only)				
	AN							
	AO							
	AP							

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EXAMINER	<i>Ronald R. Cochran</i>	DATE CONSIDERED <i>9/24/2007</i>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Not for submission under 37 CFR 1.99)</small>	Application Number		10533702	
	Filing Date		2005-05-03	
	First Named Inventor		Harold A. Goldsberry III	
	Art Unit		1731	
	Examiner Name		Dennis R Cordray	
	Attorney Docket Number		CH-756 (KEX-0016)	

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<i>JLL</i>	1	0257772	EP	A1	1988-03-02	Seiko Kagaku Kogyo		<input type="checkbox"/>
<i>W.R.L</i>	2	9730218	WO		1997-08-21	Hercules Incorporated		<input type="checkbox"/>

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NON-PATENT LITERATURE DOCUMENTS

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Not for submission under 37 CFR 1.99)</i>	Application Number	10533702
	Filing Date	2005-05-03
	First Named Inventor	Harold A. Goldsberry III
	Art Unit	1731
	Examiner Name	Dennis R Cordray
	Attorney Docket Number	CH-756 (KEX-0016)

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
<i>DRC</i>	1	International Search Report; International Application No. PCT/US03/40271; Date of Mailing 06/04/2004	<input type="checkbox"/>

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Examiner Signature	<i>Dennis R Cordray</i>	Date Considered	9/24/07
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Not for submission under 37 CFR 1.99)</small>	Application Number		10533702	
	Filing Date		2005-05-03	
	First Named Inventor		Harold A. Goldsberry III et al.	
	Art Unit		1615	
	Examiner Name			
	Attorney Docket Number		CH-756/MD02-94 (KEX-0016)	

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**INFORMATION DISCLOSURE
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(Not for submission under 37 CFR 1.99)

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First Named Inventor	Harold A. Goldsberry III et al.
Art Unit	1615
Examiner Name	
Attorney Docket Number	CH-756/MD02-94 (KEX-0016)

<i>Dell</i>	1	Ying et al., "Effect of Cationic Starch on the Emulsification of ASA", China National Pulp and Paper Research Institute, No. 5, 2002 (9 pages)	<input type="checkbox"/>
<i>Heil</i>	2	Cao Chunyu, "Alkenyl Succinic Anhydrides (ASA): a Neutral sizing agent", China National Pulp and Paper Research Institute, No. 3, 2002 (11 pages)	<input type="checkbox"/>

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Examiner Signature *Dennis R Conley* Date Considered *9/29/07*

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